Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended): A data recording method for recording, onto a recording medium, AV data and postrecording data in synchronization with the AV data,

on the recording medium, a plurality of user programs using an identical scene in the AV data being producible, and the postrecording data being referable from a plurality of user programs, and

~~the data recording method comprising the step of recording,~~ onto the recording medium, management information that manages a relationship between a user program and postrecording data being recorded.

Claim 2 (original): The data recording method as defined in claim 1, wherein, the postrecording data is a partial area in an area including a postrecording data group which is referred to from more than one type of user programs, the area including the postrecording data group being recorded as one postrecording file, and

for each piece of postrecording data, the management information is recorded in a management information file whose quantity is one in each original program.

Claim 3 (original): The data recording method as defined in claim 1, wherein,

the postrecording data is recorded as a postrecording file, for each postrecording data group being referred to from one user program, and

the management information is recorded for each postrecording file and in a management information file whose quantity is one for a plurality of original programs.

Claim 4 (original): The data recording method as defined in claim 1, wherein,

the postrecording data is recorded as a postrecording file, for each postrecording data group being referred to from one user program, and

the management information is recorded for each postrecording file and in a management information file whose quantity is one for each original program.

Claim 5 (original): The data recording method as defined in claim 1, wherein, the management information includes information of how many times the postrecording data is referred to from a plurality of user programs.

Claim 6 (original): The data recording method as defined in claim 1, wherein, the management information includes a name of a user program referring to the postrecording data.

Claim 7 (original): The data recording method as defined in claim 1, wherein, the management information includes information of in what range of the postrecording data a user program refers to.

Claim 8 (currently amended): A data recording apparatus ~~that records~~for recording, onto a recording medium, AV data and postrecording data in synchronization with the AV data,

on the recording medium, a plurality of user programs using an identical scene in the AV data being producible, and the postrecording data being referable from a plurality of user programs, and

the data recording method comprising the step of recording, onto the recording medium, management information that manages ~~how~~a relationship between a user program and postrecording data ~~refer to one another being recorded onto the recording medium~~.

Claim 9 (original): A data recording medium on which AV data and postrecording data in synchronization with the AV data are recorded,

a plurality of user programs, which are produced using an identical scene of the AV data recorded on the recording medium, being recorded in such a manner as to be capable of referring to one postrecording data, and

management information, which manages how a user program and postrecording data refer to one another, being recorded.